

ABSTRACT OF THE DISCLOSURE

A router generally comprising a first port, a second port, and a circuit. The first port may be configured to receive a frame having a network layer protocol identification. The second port may be connectable to a Multi-Protocol Label Switching (MPLS) network. The circuit may be configured to (i) insert an MPLS label into the frame while retaining the network layer protocol identification and (ii) present the frame in the MPLS network per the MPLS label.